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4/7/97

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION REPORT

EPA Region 5 Records Ctr.



284432

I. HEADING

Date: April 7, 1997

Subject: Frost Manufacturing Company, Kenosha, Kenosha County,  
Wisconsin

From: Rey Rivera, OSC, U.S. EPA, Region 5, Chicago

To: E. Watkins, OSWER, Wash., D.C. (703-603-9107)  
 K. Mould, OSWER, Wash., D.C. (703-603-9107)  
 R. Karl, Branch Chief, ERB, Chicago (312-353-9176)  
 D. Bruce, Section Chief, RS-II (312-353-9176)  
 B. Messenger, Chief, U.S. EPA ESS (312-353-9176)  
 B. Henning-Guria, U.S. EPA ESS (312-353-9176)  
 T. Lesser, U.S. EPA Off. Public Affairs (312-353-1155)  
 G. Narsete, U.S. EPA Off. Public Affairs (312-353-1155)  
 J. Cox, U.S. EPA ORC (312-886-0747)  
 U.S. Coast Guard, Dist. 9 (216-522-2738)  
 U.S. Fish & Wildlife Service, WI (414-465-7410)  
 J. Burnett, WDNR (608-267-2768)  
 A. Walden, WDNR (608-267-2768)  
 B. Amungwafor, WDNR-SE Region (414-229-0810)  
 S. Krewson, City of Kenosha (414-653-4045)

POLREP # 4

II. BACKGROUND

Site No: A551 Delivery Order No: 5001-05-413  
 CERCLIS No: WID006090286  
 Response Authority: CERCLA NPL Status: Non-NPL  
 State Notification: Yes Start Date: March 10, 1997  
 Status of Action Memorandum: Approved (Signed January 15, 1997)

III. SITE DESCRIPTION

A. Incident Category:

The Frost Manufacturing Company (FMC) site is a former lead brass foundry and plating manufacture.

B. Site Location:

1. Site description: See initial POLREP
2. Description of threat: See initial POLREP



**C. Preliminary Assessment/Site Inspection Results**

See initial POLREP

**IV. RESPONSE INFORMATION**

**A. Situation**

**1. Current situation:**

The action memo was signed on January 15, 1996. On February 27, 1997, a delivery order was prepared for the Emergency Response Cleanup Services (ERCS) contractor.

**2. Removal activities to date:**

- Consolidation and disposal of non-hazardous materials outside of the main building. An additional 100 cubic yards were shipped last week to Best Disposal Co., Menomonee Falls, WI.
- During the collection of small containers from the laboratory, mercury beads were discovered on the floor and counter top and in the cabinets. The laboratory was sealed.
- Completed construction of drum staging area.
- Completed installation of hood in hazardous characterization area.
- Scrap metal was cut up for recycling.
- Sweeping of the floors of the main building was initiated.
- WDNR representatives John Burnett and B. Amungwafor visited the site and met with OSC Rivera. Mr. Burnett gave a copy of the Phase I Environmental Site Assessment Frost Corporation report, also the preliminary data from the Phase II sampling to OSC Rivera. Site removal progress was discussed during the meeting.
- R. Karl, U.S. EPA Branch Chief, ERB, Chicago visited the site and met with OSC Rivera. The progress of the removal was discussed and the site was toured.
- Samples were collected from three above ground storage tanks, three vats, four pits, and two sumps. The samples were shipped to a laboratory where they will be analyzed for TCLP metals and semi-volatiles, Ph, reactive cyanide, and PCBs.
- PCBs were found in on-site transformers: T2 at 4,860 parts per billion (ppb), T6 at 22.6 ppb, and T7 at 808 ppb. Soil samples indicated PCBs near transformers T2, T3, T4, and T6 between 195 ppb to 3,770 ppb. Wipe samples indicated PCBs levels between 0.94 ppb and 19.2 ppb near transformers T7 and T6 respectively. Samples of seven sumps and one pit in the main building did not indicate any PCBs.
- Drums and containers from the inside of the buildings were collected and staged in the main building.

- Sample locations for the Geoprobe were marked.
- Disposal bids which included transportation and disposal were received for the following wastes streams: flammable liquids, chromium contaminated debris, and acid drums.

**B. Planned Removal Actions**

- Consolidation and disposal of hazardous wastes
- Geoprobe work for Extent of Contamination study
- Collect samples from containers and determine hazardous characteristic of the samples
- The cleanup of mercury contamination in the laboratory area will be addressed by the end of the month

**C. Next Steps**

- Staging of drums
- Initiate sampling of drums
- Collection of media samples for hazardous waste characterization
- Analyze and profile sample from each waste stream
- Obtain disposal bids for each waste streams
- Arrange transportation and disposal

**D. Key Issues**

The FMC site is part of the State of Wisconsin Brownfields Environmental Assessment Program, which is a Federal and State funded organized commitment to help communities to environmentally revitalize abandoned properties, identify potential health risks, and restore economic vitality to areas where such brownfield properties exist.

**V. COSTS**

**Extramural Costs:**

Total Cleanup Contractor (ERCS) Costs	\$128,074
START	\$10,598
<b>TOTAL, EXTRAMURAL COSTS</b>	<b>\$138,672</b>

**Intramural Costs:**

U.S. EPA	\$8,443
<b>Total, Intramural Costs</b>	<b>\$8,443</b>

<b><u>TOTAL SITE COST</u></b>	<b><u>\$147,115</u></b>
Project Ceiling	\$973,900
Project Funds Remaining (percentage)	85.1%



The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor. Other financial data, which the OSC must rely upon, may not be entirely up to date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

**VI. DISPOSITION OF WASTES**

<u>Wastestream</u>	<u>Medium</u>	<u>Quantity</u>	<u>Containment</u>	<u>Treatment</u>	<u>Disposal</u>
Non-haz debris	Solid	490 cy	rolloff	Landfill	Best Disposal Co., Menomonee Falls, WI
rap metal	Solid	120 cy	rolloff	recycle	Miller Compressing Co., Milwaukee, WI
Copper metal	Solid	466 lb	rolloff	recycle	Miller Compressing Co., Milwaukee, WI

